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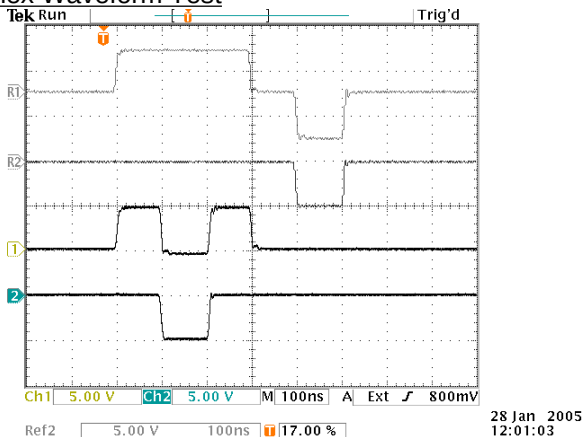
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PERFORMANCE CHECKSHEET

Model: AV-1023-C  
S.N.: 11123  
Date: January 28, 2005

Complex Waveform Test



a) Output Signal Amplitude: 0 to  $\pm 10V$

b) Pulse Width: 50 ns - 500 ms

c) Rise Time: < 10 ns

d) Fall Time: < 10 ns

e) PRF: 1 Hz - 10 MHz

Waveforms, Top to Bottom:

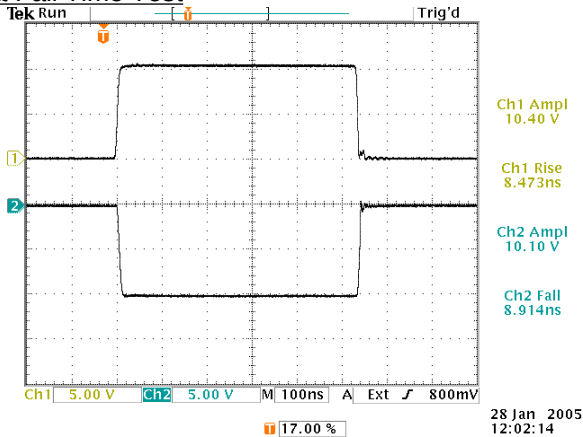
- 1) A+B, A has +5V amplitude, B has -5V ampl.
- 2) B
- 3) Same as 1, but with B delay reduced
- 4) Same as 2, but with B delay reduced

All: 5V/div, 100 ns/div.  $R_{LOAD} = 50\Omega$ ,  $Z_{OUT} = 50\Omega$

f) Jitter, Stability: OK

g) Prime Power: 120/240V AC, 50-60 Hz

Rise & Fall Time Test



Top: OUT A, +10V to 50 $\Omega$ . 5 V/div, 100 ns/div.

Bottom: OUT B, -10V to 50 $\Omega$ . 5 V/div, 100 ns/div.

References levels: 10%, 90%.